

## EAST Search History

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| S1    | 171   | (secur\$4 with data) near (memory or (data with storage))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/23 11:25 |
| S5    | 28    | ((monitor and verify)near software)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/23 11:56 |
| S6    | 1     | ((monitor and verify)near software)same (memory or storage with device)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/23 11:56 |
| S7    | 8     | ("3814919"   "3858182").PN. OR ("4683532").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/10/23 19:33 |
| S8    | 36    | ("3562717"   "3573736"   "3599159"   "R027239").PN. OR ("3858182").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/10/23 12:14 |
| S9    | 47279 | ((auxiliary with processor) or (master\$3 with device) or (intelligent with network with interface with controller) or (intelligent with NICS))                         | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/10/23 12:17 |
| S11   | 540   | ((auxiliary with processor) or (master\$3 with device) or (intelligent with network with interface with controller) or (intelligent with NICS))same(secur\$3 with data) | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/10/23 12:24 |
| S12   | 10    | S11 and softwar\$3 near (runtime or execution)  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/10/23 12:21 |
| S13   | 44    | S11 and DMA near access   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/10/23 12:25 |
| S14   | 18    | S13 and "713"/\$  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/10/23 12:25 |

## EAST Search History

|     |       |  |                              |    |    |                  |
|-----|-------|--|------------------------------|----|----|------------------|
| S15 | 32    | ("20020007452"   "20020069365"   "20020107803"   "20020120936"   "20020152173"   "20040015694"   "5335334"   "5491827"   "5557518"   "5671280"   "5745886"   "5841869"   "5872847"   "5892904"   "5963980"   "5991399"   "6105137"   "6185683"   "6192473"   "6212636"   "6229894"   "6327652"   "6330588"   "6338139"   "6363486"   "6367012"   "6389537"   "6477252"   "6480961"   "6609199"   "6651171").PN. OR ("6775779").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 12:52 |
| S16 | 10    | master with security with co-processor   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 12:54 |
| S17 | 1     | master with security near co-processor   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 12:56 |
| S18 | 1103  | (monitor\$3 or control)and (verify or certify or authenticat\$3 or authoriz\$ or proof) with software same (runtime or execution)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 12:58 |
| S19 | 82961 | ((master with device) or DMA or (secondary with processor) or (intelligent with NICS))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 13:03 |
| S20 | 44    | ((master with device) or DMA or (secondary with processor) or (intelligent with NICS)or master with security with co-processor)near computer with system   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 13:04 |
| S21 | 146   | ((master with device) or DMA or (secondary with processor) or (intelligent with NICS)or master with security with co-processor)and S18   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 13:04 |
| S22 | 61    | S21 and "713"/\$   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 13:05 |
| S23 | 24    | S21 and "380"/\$   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 13:05 |
| S24 | 1     | S22 and software near runtime  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 13:08 |
| S25 | 2     | S22 and software near9 runtime   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 13:09 |

## EAST Search History

|     |       |   |                              |    |    |                  |
|-----|-------|---|------------------------------|----|----|------------------|
| S26 | 2     | S22 and software near14 runtime   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 13:09 |
| S27 | 4     | S22 and software near20 runtime   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 14:29 |
| S29 | 12    | (memory or (storage with device))<br>near (runtime near10 security)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 15:43 |
| S31 | 692   | 726/22.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 16:25 |
| S32 | 10    | S31 and software near6 runtime  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 16:10 |
| S33 | 4     | S31 and (verify or proof or clarify or<br>auhenticat\$3 or authoriz\$3)near<br>(execution or runtime)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 15:53 |
| S34 | 17939 | S31 and (verify or proof or clarify or<br>auhenticat\$3 or authoriz\$3)or<br>(monitor or control)near (execution<br>or runtime)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 15:54 |
| S35 | 43    | S31 and (verify or proof or clarify or<br>auhenticat\$3 or authoriz\$3 or<br>monitor or control)near (execution<br>or runtime)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 15:54 |
| S36 | 32    | S35 and "713"/\$  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 15:54 |
| S37 | 16    | S35 and "726"/\$  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 15:55 |
| S38 | 1     | "6537947".pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 16:11 |
| S39 | 1     | "20030014639".pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 16:19 |
| S42 | 4     | 726/22.ccls.and (DMA or (master<br>with device) or (secondary with<br>processor) or (co-processor) or<br>(intelligent with NICS))same<br>((software or code or program) with<br>runtime or execution) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 16:34 |

## EAST Search History

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S43 | 73  | "726"/\$.ccls.and (DMA or (master with device) or (secondary with processor) or (co-processor) or (intelligent with NICS))same ((software or code or program) with runtime or execution)                                 | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 16:31 |
| S44 | 380 | "713"/\$.ccls.and (DMA or (master with device) or (secondary with processor) or (co-processor) or (intelligent with NICS))same ((software or code or program) with runtime or execution)                                 | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 16:31 |
| S45 | 171 | (secur\$4 with data) near (memory or (data with storage))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/23 16:31 |
| S46 | 1   | S44 and S45  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 16:32 |
| S47 | 115 | S45 and S45  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 16:32 |
| S48 | 1   | S44 and S45  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 16:33 |
| S50 | 3   | 726/22.ccls.and (DMA or (master with device) or (secondary with processor) or (co-processor) or (intelligent with NICS))same ((software or code or program )with (runtime or execution))                                 | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 16:35 |
| S51 | 18  | ("3908099"   "4789985"   "4942606"   "4996690"   "5093910"   "5212795"   "5233692"   "5237567"   "5379414"   "5416782"   "5422892"   "5442753"   "5544334"   "5619642"   "5649212"   "5666540").PN. OR ("6401222").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 16:39 |
| S52 | 53  | ("4067059"   "4075691"   "4371932"   "4603383"   "4716523").PN. OR ("5212795").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 16:50 |
| S53 | 307 | (DMA or (direct with memory or access))near runtime  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 16:50 |
| S54 | 3   | (DMA or (direct with memory or access))near runtime with security  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 16:51 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S55 | 12    | ("20020013910"   "20020071540"   "20020082988"   "20020087717"   "20020198840"   "20040015886"   "5974549"   "6317742"   "6480962"   "6526513"   "6691230"   "6816882").PN. OR ("7096491").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 16:54 |
| S56 | 17    | ("5394534"   "5720033"   "5802590"   "5848412"   "5878258"   "5970477"   "6049671").PN. OR ("6317742").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 19:30 |
| S57 | 11    | DMA near security  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 19:33 |
| S58 | 20    | ("4797928"   "5406624"   "5596718"   "5745574").PN. OR ("6138239").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 19:38 |
| S59 | 33    | ("5113512"   "5247659"   "5355489"   "5519843"   "5615331"   "5835594"   "5860083"   "5930504"   "5937434"   "5974546"   "6018806"   "6026402"   "6032239"   "6076118"   "6088759"   "6101601"   "6119131"   "6138239"   "6148441"   "6185678"   "6192471"   "6256031"   "6308264"   "6308265"   "6378128"   "6393559"   "6401202"   "6401208"   "6421776"   "6430481"   "6438750"   "6446201"   "6594663").PN. OR ("6732261").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 19:43 |
| S60 | 14168 | ((monitor or control) near (software or program or code)) same (execution or runtime)  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 19:45 |
| S62 | 70    | ((monitor or control) near (software or program or code)) same (execution or runtime)and "726"/\$  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 19:47 |
| S63 | 946   | ((monitor or control) near (software or program or code)) same (execution or runtime)and "713"/\$  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 19:46 |
| S64 | 171   | (secur\$4 with data) near (memory or (data with storage))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/23 19:46 |
| S68 | 10    | S62 and (memory or storage with device)near load\$3  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 19:48 |

## EAST Search History

|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| S69 | 114    | 726/22.ccls.and ((monitor or control) near (software or code or program))                                    | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 20:00 |
| S70 | 5      | S69 and (verify near integrity)  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 19:57 |
| S71 | 648720 | 726/22.ccls.and (hash or verify with integrity) near software or code or program near (execution or runtime) | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 20:02 |
| S73 | 16     | 726/22.ccls.and (hash or verify with integrity) near (software or code or program)                           | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 20:04 |
| S74 | 1      | 726/22.ccls.and (hash or verify with integrity) near runtime   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 20:03 |
| S75 | 1      | 726/22.ccls.and (hash or verify with integrity) near (runtime or execution)                                  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 20:04 |
| S76 | 44     | ("5421006"   "5537540"   "5657445"   "5694569"   "5694582").PN. OR ("5944821").URPN.                         | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/23 20:14 |
| S77 | 277    | 713/187.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/24 10:38 |
| S78 | 21     | 713/187.ccls.and ((monitor or control) near (runtime or execution)) same (software or code or program)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/24 10:54 |
| S79 | 4      | "7107493".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/24 10:55 |